

LIST OF CURRENT CLAIMS

1-3. (Canceled)

4. (Previously presented) A light control film having a rough surface pattern defining, for each cross-section perpendicular to a base plane of the film, a profile curve along an edge contoured by the rough surface pattern, wherein for substantially all cross-sections perpendicular to a base plane of the film the profile curve has an average of absolute values of slope to said base plane θ_{ave} and has a ratio $L_r = L_2/L_1$ of the length L_2 of said profile curve to the length L_1 of a straight line defined by intersection of said base plane and the cross-section satisfy the following:

$$\theta_{ave} \div L_r \geq 20 \text{ and}$$

$$25 \leq \theta_{ave} \times L_r \leq 60.$$

5. (Previously presented) A light control film including a surface layer of a material having a refractive index n , said surface layer having a rough surface pattern defining, for each cross-section perpendicular to a base plane of the film, a profile curve along an edge contoured by the rough surface pattern, wherein for substantially all cross-sections perpendicular to a base plane of the film, the profile curve has an average of absolute values of slope of the profile curve to said base plane θ_{ave} and has a ratio $L_r = L_2/L_1$ of the length L_2 of said profile curve to the length L_1 of a straight line defined by the intersection of said base plane and the cross sections satisfy the following Formula:

$$\theta_{ave} \div L_r \times n^2 \geq 40 \text{ and}$$

$$50 \leq \theta_{ave} \times L_r \times n^2 \leq 135.$$

6-9. (Canceled)

10. (Currently Amended) A backlight device comprising a light guiding plate, at least one light source located at an edge thereof, said light guiding plate having a light

emergent surface approximately orthogonal to said edge, and a light control film according to claim 5 + located on the light emergent surface of said light guiding plate.

11. (Canceled)

12. (Currently Amended) A backlight device comprising a light control film according to claim 5 +, a light source, and a light diffusing material between said light source and said light control film.

13-18. (Canceled)

19. (New) A backlight device comprising a light guiding plate, at least one light source located at an edge thereof, said light guiding plate having a light emergent surface approximately orthogonal to said edge, and a light control film according to claim 4 located on the light emergent surface of said light guiding plate.

20. (New) A backlight device comprising a light control film according to claim 4, a light source, and a light diffusing material between said light source and said light control film.